



4060 Course

CERTIFICATION EXAM

Student Name _____

Company Name _____

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Date of Test _____

Supervisor _____

Graded by _____

Date _____

Score _____ correct out of _____ = _____ %

INSTRUCTIONS

Before beginning, make sure you've completed the administrative information on the exam cover sheet.

This exam consists of 25 test items worth 4 points each. A score of 80% (20 out of 25) is required to pass. You may use the magicolor 4060 Service CD-ROM for reference during the exam. The exam is an Acrobat 4.0 PDF file and you must have Acrobat 4 Reader software (or later versions). You can download the Acrobat Reader at www.adobe.com. You can print the exam and mark the answers for faxing or mailing. Or you can mark the answers and fill in the blanks on your computer screen using Acrobat Reader. After you complete the exam save the file with a new name, and email the file.

For grading, mail, fax, or email your completed exam to:

MINOLTA-QMS Training
One Magnum Pass
Mobile, AL 36618
USA
Attn: Documentation Development and Training
FAX (251)639-3310
training@minolta-qms.com

We will grade the exam, and, if you score of 80% or higher, we will email a certificate of completion to the address on the exam cover sheet. You will be notified if you score less than 80%.

Please address any questions to MINOLTA-QMS Training or call us at (251)633-4300.

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1. Why does the developer unit stir the two-component developer (toner and carriers)?
 - a. to break up any lumps of toner
 - b. to generate frictional electricity
 - c. To move toner from the toner hopper to the developer unit
 - d. to accurately measure the balance of toner to developer ratio
2. Where is a procedure found for “Reformatting the Drive (HDD) and Reloading System Software”?
 - a. 4060 Operations Manual, chapter 8, pages 20-24
 - b. 4060 Reference Manual, chapter 2, pages 10-14
 - c. 4060 Service Manual, chapter 7, pages 110-124
 - d. 4060 Operation Manual, chapter 2, pages 10-14
3. When troubleshooting a print with dark specks, lines or dark areas, what is the first thing to be accomplished?
 - a. Clean the precharger
 - b. Check the consumables
 - c. Replace the cleaner roller
 - d. Replace the developer
4. What assembly is the cleaning brush, located inside the front door, intended to be used on?
 - a. Transfer assembly
 - b. Drum unit
 - c. Fusing unit
 - d. Paper path
5. The “Communications” menu is part of
 - a. Configuration menu
 - b. Administration menu
 - c. Operator control menu
 - d. Installation menu
6. Drive unit M contains _____.
 - a. 3 fans
 - b. the waste toner auger sensor
 - c. the main drive motor
 - d. all of the above
7. What is the expected life of the initial toner bottle provided with the QMS 4060?
 - a. approx. 4,000 page sides
 - b. approx. 6,000 page sides
 - c. approx. 8,000 page sides
 - d. it does not come with toner

8. When installing the fuser unit, which direction should the decurler knob be turned?
 - a. Either direction
 - b. Clockwise
 - c. Counter-clockwise
 - d. Do not move the decurler knob during fuser unit installation
9. How many interlock (safety) switch(es) are there to interrupt power to the optical unit?
 - a. 3
 - b. 2
 - c. 4
 - d. 6
10. What tool(s) is required to replace the pick rollers?
 - a. #2 Phillips screwdriver
 - b. Snap-ring pliers
 - c. Straight slot screwdriver
 - d. None of the above
11. In accordance with the operations manual, what should the operator check first when a “Call for Service Engine Error 105” is encountered?
 - a. check that the drum unit and fuser are properly installed and all the doors are properly closed.
 - b. Turn the power off then on again.
 - c. Call for Service.
 - d. Clean the transfer assembly.
12. What section of which manual are the wiring diagrams located?
 - a. Operations Manual, Appendix B
 - b. Service Manual, Appendix A
 - c. Operation Manual, Appendix a
 - d. Service Manual, Appendix B

13. The service code SVC7C correlates to which error message?
- a. Beam Detect Low-speed Alarm
 - b. Beam Detect High-speed Alarm
 - c. Laser Diode Alarm
 - d. BD1 (Beam Detection) Alarm
14. Where is the detailed procedure for “Repacking the Printer”?
- a. 4060 Operation manual, Section C, pages 1-27
 - b. 4060 Getting Started manual, Section A, pages 1-10
 - c. 4060 Reference manual, Appendix C, pages 1-27
 - d. 4060 Service manual, Chapter 3, pages 106-123
15. According to the 4060 Operations Manual, what is step 4 for “Cleaning a Feed Path Jam in the Fuser Area”?
- a. Look for jam in the right side of the Fuser Unit
 - b. Look for jam in the bottom side of the Fuser Unit
 - c. Look for jam in the decurling area
 - d. Look for jam in the exit tray
16. Which tool(s) are required to replace the LED erase unit?
- a. 8” magnetized, #2 Phillips screwdriver
 - b. 8” magnetized, straight-slot screwdriver
 - c. 2” magnetized, Phillips screwdriver
 - d. b & c only
 - e. a & c only
17. Which manual provides charts of the Menu Structures?
- a. 4060 Operation manual, Section C, pages 1-27
 - b. 4060 Getting Started manual, Section B, pages 2-5
 - c. 4060 Reference manual, Appendix C, pages 1-27
 - d. 4060 Service manual, Chapter 3, pages 106-123
18. What component charges all the surfaces of the photoconductor drum evenly with approximately -600v?
- a. Optical unit
 - b. LED erase unit
 - c. Transfer assembly
 - d. Precharger
19. What is the part number for the Mechanism Controller?
- a. CA0262-I110
 - b. CA02662-J010
 - c. CA02626-I001
 - d. CA02626-J100
 - e. CA02626-J001

20. Where is the voltage reading taken, when adjusting the +5v setting?
- Mechanism controller
 - Low voltage power supply
 - High voltage power supply
 - Mechanic's test panel
21. What command is used to terminate a remote console session?
- Type "exit", then press "Enter" key
 - Press the "Esc" key
 - Type "quit," then press "Enter" key
 - Simultaneously press the "Esc" and "Ctrl" keys
22. In accordance with the Service manual, what is the first recommended step if an end user is dissatisfied with the quality of their prints?.
- Put in new toner
 - Thoroughly clean the printer
 - Purge the developer
 - Try a different type of paper
23. The _____ is used to clear paper jams in the duplex paper path.
- Decurler Knob
 - Transfer assembly
 - Drum unit
 - Blower brush
24. In accordance with the Service manual, what is the hint provided about "green painted screw heads"?
- These screws are used for chassis ground wires.
 - These screws are used for motor ground wires.
 - These screws are factory set and should not be removed.
 - These screws are used for setting belt tension.
25. If the printer is putting out completely black or dark prints, and the drum unit has already been replaced, what is the next component to be replaced?
- High voltage power supply
 - QMS controller
 - video controller
 - Optical unit